Ferrites, Powder Cores

Ferrites

ER-MAGOK
ER-KERNE
ER-CORES

Rendelési szám Bestellnummer Ordering code: TI 1024 –XXXX –XX -X

![Diagram of ferrite core dimensions](image-url)
**MÉRETEK | ABMESSUNGEN | DIMENSIONS**

<table>
<thead>
<tr>
<th>Tipus Typ Type</th>
<th>a</th>
<th>Øb</th>
<th>c</th>
<th>Ød</th>
<th>h₁</th>
<th>h₂</th>
<th>m</th>
</tr>
</thead>
<tbody>
<tr>
<td>-XXXX</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-5000 ER 35</td>
<td>35,0±0,6</td>
<td>26,15±0,55</td>
<td>1,0</td>
<td>11,3₂⁻₀,₂₃</td>
<td>14,7±0,3</td>
<td>20,7±0,3</td>
<td>11,4±0,35</td>
</tr>
<tr>
<td>-5010 ER 42</td>
<td>42,0⁻¹₀⁻₀,₇</td>
<td>30,4⁻¹⁻₀,₂</td>
<td>0,5</td>
<td>15,0⁻₀₀₆</td>
<td>15,6⁻₀⁻₀,₇</td>
<td>21,8⁻₀⁻₀,₄</td>
<td>15,0⁻₀₀₅</td>
</tr>
<tr>
<td>-5020 ER 48</td>
<td>48,0±1,0</td>
<td>38,0⁻₀⁻₀,₄</td>
<td>0,8</td>
<td>18,0±0,3</td>
<td>14,7⁻₀⁻₀,₆</td>
<td>21,2⁻₀⁻₀,₄</td>
<td>21,0⁻₀⁻₀,₅</td>
</tr>
<tr>
<td>-5030 ER 54</td>
<td>53,5±1,0</td>
<td>39,8⁻₀⁻₀,₇</td>
<td>2,0</td>
<td>18,3⁻₀⁻₀,₈</td>
<td>10,8⁻₀⁻₀,₆</td>
<td>18,5⁻₀⁻₀,₄</td>
<td>18,3⁻₀⁻₀,₇</td>
</tr>
</tbody>
</table>

**Effektív paraméterek (pár)**  
Magnetische Formkenngrössen (satz)  
Effective Core Parameters (per set)

<table>
<thead>
<tr>
<th>Tipus Typ Type</th>
<th>C₁</th>
<th>L</th>
<th>A₁</th>
<th>Amin</th>
<th>V₁</th>
<th>Súly Gewicht Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>-XXXX</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>g/satz</td>
</tr>
<tr>
<td>-5000 ER 35</td>
<td>0,8072</td>
<td>89,6</td>
<td>111,0</td>
<td>101,0</td>
<td>9930</td>
<td>~ 26,0</td>
</tr>
<tr>
<td>-5010 ER 42</td>
<td>0,5824</td>
<td>99,0</td>
<td>170,0</td>
<td>170,0</td>
<td>16800</td>
<td>~ 42,0</td>
</tr>
<tr>
<td>-5020 ER 48</td>
<td>0,3940</td>
<td>100,0</td>
<td>254,0</td>
<td>248,0</td>
<td>25400</td>
<td>~ 64,0</td>
</tr>
<tr>
<td>-5030 ER 54</td>
<td>0,3515</td>
<td>90,0</td>
<td>256,0</td>
<td>252,0</td>
<td>23000</td>
<td>~ 59,5</td>
</tr>
</tbody>
</table>

**Légrésnélküli fazékmagok A₁-értékei**  
A₁-Werte der Schalenkerne ohne Luftspalt  
A₁-values of pot cores without air gap

<table>
<thead>
<tr>
<th>-XX</th>
<th>Anyag Werkstoff Material</th>
<th>Tipus Typ Type</th>
<th>A₁⁻⁺₀⁻₀,₂₀%</th>
</tr>
</thead>
</table>

### Teljesítményveszteség | Leistungverlust | Power loss

<table>
<thead>
<tr>
<th>Anyag Werkstoff Material</th>
<th>B[^{[T]}] at H[^{[T]}]=2.5A/cm T=100 °C</th>
<th>“P,” [mW/g]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>f=16 kHz B=200 mT T=100 °C</td>
<td>f=25 kHz B=200 mT T=100 °C</td>
</tr>
<tr>
<td>M2TN-B</td>
<td>≥330</td>
<td>≤21,0</td>
</tr>
<tr>
<td>M2TN-C</td>
<td>≥330</td>
<td>-</td>
</tr>
</tbody>
</table>

Légréses magok is beszerezhetők, kérjük rendeléskor az adatokat közölni.
Beschaffbar sind auch Schalenkerne, mit Luftspalt, bei Bestellung bitten wir die Werte angeben.
Gapped core is available, please specify when ordering.

<table>
<thead>
<tr>
<th>-X</th>
<th>Kivitel</th>
<th>Ausführung</th>
<th>Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>-0</td>
<td>légrés nélkül</td>
<td>ohne Luftspalt</td>
<td>without air gap</td>
</tr>
<tr>
<td>-1</td>
<td>légréses</td>
<td>mit Luftspalt</td>
<td>with air gap</td>
</tr>
</tbody>
</table>